

Nº - 8.

Feb'y 4<sup>th</sup> 1889

Feb'y 12<sup>th</sup> 1889.

D<sup>r</sup> 2935 to 2980.

Hy<sup>d</sup> 1707 to 1761.

Abb.	Meaning	Abb.	Meaning
bl.	Clay	brn.	black
bo.	Boral	br.	brown
For.	Foraminifera	bu.	blue
gr.	Gravel	choc.	chocolate
Glob.	Globigerina	dk.	dark
m.	Mud.	gn.	green
Oz.	Ooze.	gy.	gray
p.	Pebbles	lt.	light
Otar.	Otaropods.	rd.	red
R.	Rocks	slat.	slate
S.	Sand	wh.	white
Sh.	Shells	yl.	yellow
Sp.	Spucks		
St.	Stones		

brk broken

crs. coarse

fne. fine

hrd. hard

lge. large

rocky. rocky

soft. soft

smal. small

stcky. sticky

stif. stiff

Tanner Machine  
Correction table  
Tanner Machine

16-38	fms	+1
38-70	"	+2
70-105	"	+3
105-142	"	+4
142-190	"	+5
190-260	"	+6
260-384	"	+7

1707 to 1761 Hyatt

2935 to 2980 Duval

1706

2984

Hydro

No. 1707

Date Feb. 4<sup>th</sup> 1889

Sagster Machine. Reel. 2

Turns 41 Cor. + 4 Depth 45

Shot or lead 38 lbs

Bottom M.

Bottom temperature 56.

No. of Thermometer 50306 Cor. ± 0

Corrected temperature 56

Air 58 Surface 59 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
A.M.	DOWN.		UP.	
	10.14.6	10.18.00	0	
	10.15.00	10.16.20	100	
			200	
			300	
			400	
			500	
			600	
			700	
			800	
			900	
			1000	
			1100	
			1200	
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3900  
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2935

Date Oct. 4<sup>th</sup> 1889

Sister Machine. 2 Reel.

Turns 118 Cor. + 6

Depth 124

Shot or lead 38 lbs

Bottom frg. 8

Bottom temperature 49.6

No. of Thermometer 50 306 Cor. ± 0

Corrected temperature 49.2

Air 68 Surface 69 Drift N.W. 3/4 W. 9/4 11

Trawl or dredge or tangles large Beam

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10.55.00	11.6.00	0	11.04.00	11.357.00
10.57.00	10.59.00	100	11.4.30	11.30.30
10.57.30	10.57.40	200	11.6.30	11.27.90
		250	11.8.30	11.25.30
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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3900
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SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

507  
Feb 13No. 2936 Date Feb. 4<sup>th</sup> 1891

Sigsbee Machine. 2 Reel.

Turns 332 Cor. + 27 Depth 359

Shot or lead 38 lbs.

Bottom m.

Bottom temperature 49

No. of Thermometer 50306 Cor. ± 0

Corrected temperature 49

Air 61 Surface 61 Drift 4 m

Trawl or dredge or tangles Large Brain

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P.M.	DOWN.		UP.	
12. 11. 40	20.40	0	22.30	32.00
13. 00	19.50	100	29.00	28.45
14. 35	19.15	200	32.45	26.00
16. 00	18.20	300	36.00	23.00
		400	38.30	20.10
		500	41.00	16.50
		600	43.00	15.45
		700	45.35	110.10
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
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SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

*Barth B. J.*  
No. Hyd. 1708 Date Feb 4<sup>th</sup> 1889  
Sinker Machine. 2 Reel.

Turns 409 Cor. + 32 Depth 441

Shot or lead 38 lbs.

Bottom gn. 16.

Bottom temperature 40.8

No. of Thermometer 50306 Cor. ± 0

Corrected temperature 40.8

Air 60 Surface 61 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P.M.	DOWN.		UP.	
2. 16.	15	26.50	0	
17.	30	25.30	100	
18.	30	24.30	200	
19.	30	23.30	300	
20.	40	22.30	400	
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
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SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 288 1709. Date Feb. 4" 1889

1709. Machine. Reel.

Turns 420 Cor. + 34 Depth 454

Shot or lead 38 lbs.

Bottom on all.

Bottom temperature 40.5°

No. of Thermometer 50306 Cor. ± 0

Corrected temperature 40.5°

Air 61 Surface 61 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.	TURNS.	DREDGE ROPE.	
		DOWN.	UP.
9. 16	0		
5. 20	16. 00	0	
6. 41.0	15. 00	100	
7. 50	14. 20	200	
9. 15	13. 30	300	
10. 40	12. 30	400	
		500	
		600	
		700	
		800	
		900	
		1000	
		1100	
		1200	
		1300	
		1400	
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SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2487 Date 11/17/06  
 Sinker Machine 2 Reel.  
 Turns 430 Cor. + 34 Depth 464  
 Shot or lead 38 lbs.

Bottom 9 m. 00

Bottom temperature 16.5

No. of Thermometer 50306 Cor. ± 0

Corrected temperature 16.5

Air Surface Drift 1/2 m. 0

Trawl or dredge or tangles Large Vicuna

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
525.00	520.	0	59.30	38.0
55.00	42.0	100	14.0	34.15
6.00	6.00	200	18.0	80.0
57.00	40.00	300	21.00	26.15
59.	21.01.20	400	24.0	22.0
		500	26.40	18.0
		600	26.50	14.20
		700	30.00	10.0
		800	33.50	0.5. 0
		900	36.40	5.00
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
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		1900		
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### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.



No. 1M 10 Date Feb 1, 1899

Sugden Machine. Reel. 042

Turns 419 Cor. + 33 Depth 452

Shot or lead 38 lbs.

Bottom 99 all

Bottom temperature 46.4

No. of Thermometer 50306 Cor. ± 0

Corrected temperature 46.4

Air 62 Surface 60 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6-13-0	23-50	0		
14-0	22-20	100		
15-0	31-0	200		
16-30	20-0	300		
17-40	6-19-0	400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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		1400		
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### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1711 Date Feb 18 87  
Mig. 1 Machine. Reel. 2

Turns 475 Cor. 32 Depth 445

Shot or lead 38 lbs.

Bottom gy W

Bottom temperature 40.8

No. of Thermometer 50506 Cor. ± 0

Corrected temperature 40.8

Air 61 Surface 60 Drift.

Trawl or dredge or tangles ✓

P.W.	SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
	DOWN.	UP.		DOWN.	UP.
7-85-0	14-0		0		
6-30	16-0		100		
8-0	15-0		200		
10-0	14-0		300		
12-0	7-10-0		400		
			500		
			600		
			700		
			800		
			900		
			1000		
			1100		
			1200		
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SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
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300				
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500				
600				
700				
800				
900				
1000				

REMARKS.

W. Agassiz

No. 1712

Date Sep. 4<sup>th</sup> 1889

Seagull Machine. 2 Reel.

Turns 2100 Cor. + 32 Depth 452

Shot or lead 38 lbs

Bottom on M.

Bottom temperature 41.

No. of Thermometer 30206 Cor. ± 0

Corrected temperature 41

Air 61 Surface 60 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P.M.	DOWN.		UP.	DOWN.
8.00	8.11.20	0		
8.2.30	8.10.00	100		
8.5.40	8.7.20	200		
8.5.60	8.8.10	300		
8.6.30	8.7.30	400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
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SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1713

Date Feb. 24 1878

Sight Machine. 2 Reel.

Turns 302 Cor. + 25. Depth 327

Shoot or lead 38

Bottom R. &amp; S.

Bottom temperature 43.2

No. of Thermometer 50806 Cor. ± 0

Corrected temperature 43.2

Air 61 Surface 6.0 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8.56.00	9.400	0		
8.57.20	9.3.20	100		
8.59.10	9.2.00	200		
9.00.	9.1.30	300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
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SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

~~W.M.~~ Hyder  
No. 1714

Date Feb 17th 1889

Seasucker Machine. 2 Reel.

Turns 300 Cor. + 24 Depth 324

Shot or lead 38 lbs

Bottom 30 m.

Bottom temperature 43.2

No. of Thermometer 51306 Cor. ± 0

Corrected temperature 43.2

Air 60 Surface 59 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9.47.30	9.66.30	0		
9.49.10	9.55.00	100		
9.50.30	9.59.60	200		
9.51.30	9.52.30	300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
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4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Hydro

No. 1715

Date 21. 4. 1900

Sigster Machine. Q Reel.

Turns 255 Cor. + 21 Depth 276

Shot or lead 38 lbs

Bottom 9 m.

Bottom temperature 51.

No. of Thermometer 50.306 Cor. 1.1

Corrected temperature 51

Air 60 Surface 60 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10. 38.30	10.49.40	0		
10. 40.00	10.48.10	100		
10. 41.30	10.47.30	200		
10. 43.00	10.46.30	300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
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500				
600				
700				
800				
900				
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REMARKS.

No. 1716 R. Date Sept. 24, 1881 9  
Sighter Machine. Reel.

Turns 945 Cor. + 19 Depth 264

Shot or lead 3801.

Bottom 92 M.

Bottom temperature 45°

No. of Thermometer 50 806 Cor. ± 0

Corrected temperature 45°

Air 60 Surface 60 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11.30.20	11.37.00	0		
11.31.10	11.37.00	100		
11.33.00	11.36.00	200		
11.34.00	11.35.10	300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
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3900
4000

SERIAL TEMPERATURE.

DEPTH.	TRMP.	NO. OF THER.	COR.	COR. TRMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 507 Date Feb. 5  
Tanner Machine. Reel.

Turns 156 Cor. + 5 Depth 161

Shot or lead 257

Bottom 11.

Bottom temperature They did not -  
oppose

No. of Thermometer 50306 Cor. ± 0

Corrected temperature 21.00

Air 58 Surface 59 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12.00	12.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 4718 Date Feb. 5, 1889

Machine. Reel.

Turns 20 Cor. + 1 Depth 21

Shot or lead 25 lbs

Bottom 1rd m.

Bottom temperature 59

No. of Thermometer 50306 Cor. ± 0

Corrected temperature 59

Air 58 Surface 59 Drift.

Trawl or dredge or tangles.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1. 21. 00	22.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1719 Date Feb 5, 1879  
 Hand line Machine. Reel.  
 Turns Cor. Depth 18

Shot or lead

Bottom fine gy. 8

Bottom temperature

No. of Thermometer 50 30 6 Cor. }

Corrected temperature

Air 54 Surface 57 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
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		1800		
		1900		
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SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
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300				
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700				
800				
900				
1000				

REMARKS.

No. 1720 Date Feb 5<sup>th</sup> 89

Turner Machine. Reel.

Turns 20 Cor. + 1 Depth 21

Shot or lead 35 lbs

Bottom fr. gy. S.

Bottom temperature

No. of Thermometer 50506 Cor. 3

Corrected temperature

Air 54 Surface 57 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
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### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
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REMARKS.

W.L.  
No. 1721 Date Feb. 5, 1890  
Vernier Machine. Reel.

Turns 25 Cor. + 1 Depth 26

Shot or lead 25 lb.

Bottom for 9° 18'

Bottom temperature 57°

No. of Thermometer 5036 Cor.

Corrected temperature 57

Air 54 Surface 57 Drift.

Trawl or dredge or tangles

SOUNDING WIRE. No DOWN.	UP.	TURNS.	DREDGE ROPE.	
			DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
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SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
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REMARKS.

No. 1722 Date 11-18-18

Answer Machine.

Reel. (

Turns 28 Cor. + 1 Depth 29

Shot or lead 25 lbs

Bottom for 95

Bottom temperature 58

No. of Thermometer 50306 Cor. ± 0

Corrected temperature 58

Air 56 Surface 58 Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## TURNS.

## DREDGE ROPE.

A (1) DOWN.	UP.		DOWN.	UP.
11-51-0	11-52-0	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
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#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 172 N. Lat. Date Jan 6th 1889

Machine. Reel.

Turns 28 Cor. + 1 Depth 29

Shot or lead 25

Bottom fine gray sand

Bottom temperature 58

No. of Thermometer 50 306 Cor. ± 0

Corrected temperature 58

Air 56 Surface 58 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12.130	19.300	0	12.48.30	
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
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SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
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100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

507  
No. 1724 N.Y. - Date 8/11/11  
Tanner Machine. Reel.

Turns 47 Cor. + Depth 29

Shot or lead 25 lbs

Bottom frggy S

Bottom temperature 56.

No. of Thermometer 50306 Cor. ± 0

Corrected temperature 56

Air 56 Surface 58 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS:	DREDGE ROPE,	
DOWN.	UP.		DOWN.	UP.
12.16.30	12.19.00	0		
12.17.00	12.17.30	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
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SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1725 ~~July~~; Date ~~Sept. 3~~ 1881  
Panner Machine. ♀ Reel.

Turns 644 Cor. + 4 Depth 115-

Shot or lead 25 lbs

Bottom fm. 9 yds.

Bottom temperature 49.5-

No. of Thermometer 30.306 Cor. ± 0

Corrected temperature 49.5-

Air 56 Surface 58 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12.30.00	12.31.00	0		
12.31.30	12.32.30	100		
12.31.10	12.31.10	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
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SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2938 Dug Date of  
July 1 Machine. Reel.

Turns 415 Cor. + 2 Depth 47

Shot or lead 256.

Bottom muddy & st

Bottom temperature 58.

No. of Thermometer 50306 Cor. ± 0

Corrected temperature 58

Air 56 Surface 58 Drift.

Trawl or dredge or tangles Large 100 am

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
19.53.30	18.56.01	0	12.58.30	1.20.01
18.54.30	12.55.00	100	1.02.30	1.17.30
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
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#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. - 739 S. S. Date - 1-5-1869

Panzer Machine. Reel.

Turns 26 Cor. + 1 Depth 27

Shot or lead 25 lbs

Bottom bugg. S. S.

Bottom temperature did not work.

No. of Thermometer 50 206 Cor. ± 0 } 2.

Corrected temperature

Air 58 Surface 59 Drift 1 m. N. N. W.

Trawl or dredge or tangles Large

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
131.30	132.00	0	146.30	909.30
132.00	130.80	100	152.00	
		200	154.40	9.97.30
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Length left when hauled 12 m. 20 ft.  
Reel in the ship at 9.53

Ship with hand lines 6 m. 12 m. 20 ft.

2500
2600
2700
2800
2900
3000
3100
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3400
3500
3600
3700
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3900
4000

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2940 Date Oct 15<sup>th</sup> 1887

Machine. Reel.

Turns 250 Cor. + 1 Depth 26

Shot or lead 257.11

Bottom 600 fms. water. S.T.

Bottom temperature 54°

No. of Thermometer 503.06 Cor. ± 0

Corrected temperature 54°

Air 58 Surface 57 Drift.

Trawl or dredge or tangles wire - case

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2.31.30	2.33.66	0	2.47.00	2.5
2.32.00	2.32.10	100	2.50.00	2.50
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
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SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

W.M. 1  
No. 2741 Dredge Date P.M. 5-10-1861

Turner Machine. Reel.

Turns 25-Cor. + 1 Depth 26

Shot or lead 25 lbs

Bottom Sh. St.

Bottom temperature 5

No. of Thermometer 5. 506 Cor. { 7.22

Corrected temperature

Air 59 Surface 59 Drift. 1/2 mile

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8.10	8.11.40	0	8.11.50	8.25-00
8.10.30	8.11.00	100	8.12.1	9
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
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3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TRMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2742 was Date 26<sup>th</sup> 1889

Janus Machine. Reel.

Turns 19 Cor. + 1 Depth 20

Shot or lead 25 lb

Bottom gy Sled sh. st.

Bottom temperature 59.2

No. of Thermometer 50306 Cor. ± 0

Corrected temperature 59.2

Air 37 Surface 56 Drift 15 SWES

Trawl or dredge or tangles. 60 g.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
53.20	53.20	0	3.5	20.00
3.56.00	3.56.30	60	4.01.20	18.20
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
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3800
3900
4000

### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1726 Date 7/6/1889  
1726 Machine. Reel.

Turns 130 Cor. + 4 Depth 124

Shot or lead 200 lbs.

Bottom 9m 16

Bottom temperature 59.5

No. of Thermometer 50 3.06 Cor. ± 0

Corrected temperature 59.5

Air 57 Surface 58.60 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11-17-0	30-0	0		
18-0	15-19-0	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
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#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

507

No. 12121 Date 17/1/19

Sawyer Machine. Reel

Turns 85 Cor. + 3 Depth 88

Shot or lead 25 lbs.

Bottom gw. 40

Bottom temperature 59°

No. of Thermometer 50806 Cor. ±

Corrected temperature

Air 57 Surface 58 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11-27-30	11-30-0	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
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### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.	1728	Date	July 1, 1883	
anner	Machine.	Reel.	0	
Turns	45 Cor. + 2	Depth	47	
Shot or lead	N 5 lbs.			
Bottom	94 S 66 Sp.			
Bottom temperature	55.5			
No. of Thermometer	170306 Cor. ± 0			
Corrected temperature	55.5			
Air	57	Surface	58 Drift.	
Trawl or dredge or tangles				
SOUNDING WIRE.		URNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11-58-0	11-40-0	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
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SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
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1000				

REMARKS.

No. 1439 Date Feb 1 1907  
Tanner Machine. Reel. 1

Turns 46 Cor. + 2 Depth 48

Shot or lead 25 lbs.

Bottom gy S & S. Sp.

Bottom temperature 55

No. of Thermometer 5030 Cor. ± 0

Corrected temperature 55

Air 55 Surface 58 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.	TURNS.	DREDGE ROPE.
1000 DOWN. 800 UP.	0	
	100	
	200	
	300	
	400	
	500	
	600	
	700	
	800	
	900	
	1000	
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SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
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500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1780

Date Feb. 1901

Ammon Machine Reel.

Turns 46 Cor. + 2 Depth 48

Shot or lead 25 lbs

Bottom 94 8 6h 3p

Bottom temperature 55.2

No. of Thermometer 50 306 Cor. ± 0

Corrected temperature 55.2

Air 57 Surface 58 Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## TURNS.

## DREDGE ROPE.

12 M

DOWN. UP.

12 - 1 - 0 12 - 1 - 0 0

DOWN. UP.

100

200

300

400

500

600

700

800

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### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
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900				
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REMARKS.

No. 1731 Year Date Feb. 6<sup>th</sup> 1889

Spanner Machine. Reel.

Turns 418 Cor. + 2 Depth 50

Shot or lead 28

Bottom 9.5 S. 64.5 N. 84.5 E. 54.5 W.

Bottom temperature 56.

No. of Thermometer 50 30 6 Cor. ±

Corrected temperature 56

Air 57 Surface 58 Drift.

Trawl or dredge or tangles

P.M.	SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
	DOWN.	UP.		DOWN.	UP.
12. 7. 30	12. 10. 00		0		
12. 8. 40	12. 8. 30		100		
			200		
			300		
			400		
			500		
			600		
			700		
			800		
			900		
			1000		
			1100		
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SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
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200				
300				
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500				
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700				
800				
900				
1000				

REMARKS.

W.H.S.  
No. 173-2 Hydro Date P. 1. 6<sup>th</sup> 1881  
Panner Machine. Reel.

Turns 60 Cor. + 2 Depth 62

Shot or lead 25 lbs

Bottom fine sand, S. on S.

Bottom température

No. of Thermometer 30306 Cor. ± 0

Corrected temperature 54

Air 57 Surface 58 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P. m.	DOWN.		UP.	
12.13.30	12.16.30	0		
12.14.40	12.15.10	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 175 Hyg. Date Feb. 6 1907

Panner Machine. Reel.

Turns 88 Cor. + 3 Depth 91

Shot or lead 25 lbs

Bottom 57.5 fm. S.

Bottom temperature 57.5

No. of Thermometer 90366 Cor. 1/1

Corrected temperature 57.5

Air 57 Surface 58 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P. M.	DOWN.		UP.	DOWN.
12. 20.	12.23.50	0		
12. 24.30	12.21.40	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
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		1900		
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SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1734 Nga, Date Feb-6 1889  
 Tanned Machine. Reel.

Turns 47 Cor. + 2 Depth 469

Shot or lead 25 lbs.

Bottom

94 S

Bottom temperature 55 S

No. of Thermometer 30 306 Cor. ± 0

Corrected temperature 55.8

Air 57 Surface 58 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12-36-0	12-36-0	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1135 Hydro. Date Oct 17, 1868.

Pen, Machine. Reel.

Turns 46 Cor. + 2 Depth 218

Shot or lead 25 lb

Bottom gy. S. 45.8 N.

Bottom temperature 56.

No. of Thermometer 30.306 Cor. ± 0

Corrected temperature 56

Air 57 Surface 57 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12.45.00		0		
12.46.30		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1735 Hyd. Date Sep 6<sup>th</sup> 1859  
Tanner Machine. Reel.

Turns 40 Cor. + 2 Depth 21

Shot or lead 25 lbs

Bottom wh. & g. brk & h.

Bottom temperature 55° 6'

No. of Thermometer 30 30.5 Cor. -

Corrected temperature 55° 1'

Air 57 Surface 58 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12.53.5	12.56.30	0		
12.5	12.53	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
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### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2943 Inv. No. Date Sept. 6 <sup>1965</sup>

Janvier Machine. Recl.

Turns 30 Cor. + 1 Depth 31

Shot or lead 25

Bottom Rkey

Bottom temperature 56

No. of Thermometer 31 306 Cor. 1 0

Corrected temperature 56

Air 5°8 Surface 5°9 Drift. SSE. 1/8 mile

### Tremor dredge or barges

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
P.M. 1.8.30	1.90.00	0	1.10.00	1.21.50
1.9.30	1.9.40	100	1.13.30	
		200	1.15.30	1.19.30
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100		57		
200		57		
300		57		
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 29144 Date Sept. 6<sup>th</sup> 1881

Tanner Machine. Reel.

Turns 29 Cor. + 1 Depth 30

Shot or lead 25 lbs

Bottom Rely.

Bottom temperature ~~66.6~~

No. of Thermometer 30306 Cor.

Corrected temperature

Air 58 Surface 59 Drift. S.W. N. 1/4 E

Trawl or dredge or tangles 11' 16 cm

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1.25.30	1.28.00	0	1.26.30	1.48.30
1.26.	1.28.1	400	1.30.00	1.45.00
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
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		1300		
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### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

W. 147  
No. 29459 Date 6/18/11

Tanner Machine. Reel.

Turns 29 Cor. + 1

Depth 30

Shot or lead 99

Bottom P.

Bottom temperature 65

No. of Thermometer 30306 Cor.

Corrected temperature

Air 58 Surface 59 Drift. SW 1/2 W. 1/2

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9.65.00	9.7.00	0	9.34.00	9.5.1.3
9.5.4.0	9.5.5.0	60	9.36.30	
		200	9.40.0	
		300	9.41.00	9.4.0
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

## Dredge

No. 2946 Date Feb 6<sup>th</sup> 1889

Inner Machine. Reel.

Turns 145 Cor. + 5 Depth 150

Shot or lead 25 lbs

Bottom on gys

Bottom temperature 56.3

No. of Thermometer 30306 Cor. ± 0

Corrected temperature 56.5

Air 60 Surface 5.9 Drift 10° NNE 1/2 N

Trawl on dredge or bangles caught 10 min

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3.30	3.13.30	0	3.30.00	3.30.00
3.16	3.13	100	3.41.30	3.41.30
3.16.30	3.16.40	200	3.30.00	3.45.30
		300	3.35.00	3.41.30
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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		2100		
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4000

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. ~ 9-1 Date Jun 26, 1911  
 Ternier Machine. Reel.

Turns 262 Cor. + 7 Depth 269

Shot or lead 25 lbs

Bottom gy. S. b. brk. Sh.

Bottom temperature ~~50.7~~ ?

No. of Thermometer 50306 Cor. ± 0

Corrected temperature ~~50.7~~

Air 59 Surface 59 Drift.  $\frac{1}{3}$  m SSW

Trawl or dredge or tangles Large Beam.

P. M.	SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
	DOWN.	UP.		DOWN.	UP.
1. 00	44.10	0	0	144.00	21.05
2. 7. 10	42.40	100	47.10	10.40	
3. 3. 0	41.20	200	51.40	16.15	
		300	54.30	14.00	
		400	57.50	11.00	
		500	2.00.50	2.08.00	
		600			
		700			
		800			
		900			
		1000			
		1100			
		1200			
		1300			
		1400			
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		1600			
		1700			
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Next to cleat  
1. 7. 10

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#### SERIAL TEMPERATURE.

DEPTH.	TRMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1748 Date Feb. 7 1869

Tanner Machine. Reel.

Turns 259 Cor. + 7 Depth 266

Shot or lead 25 lbs.

Bottom gy S. S. took Sh.

Bottom temperature 55.9?

No. of Thermometer 50 30.6 Cor.

Corrected temperature

Air 5.9 Surface 5.9 Drift. 4 m. S. W.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
22.30	30.50	0	2.27.20	22.40
23.10	28.00	100	31.25	20.15
24.04	26.10	200	35.30	17.40
		300		15.00
		400		12.00
		500		9.50
	54.10	600		7.10
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
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		1500		
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		1900		
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SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2, 10, 9

Date Oct 11

Tanner Machine. Reel.

Turns 150 Cor. + 5 Depth 155

Shot or lead 25 lbs

Bottom Ave 94 S.

Bottom temperature did not cap

No. of Thermometer 50 306 Cor.

Corrected temperature now

Air 59 Surface 58 Drift, 3 fm N by S

Trawl or dredge or tangles —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
4-32-0	36-0	0		
34		100		
24-50	11-51	150		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. - 95-0244, Date P. 6; 8<sup>th</sup> / 1887

Janner Machine. Reel.

Turns 20 Cor. + 1 Depth 21

Shoal or lead 25 m.

Bottom fly S.lik sh.

Bottom temperature 55.4 ?

No. of Thermometer 50306 Cor. ± 0

Corrected temperature 55.4

Air 61 Surface 57 Drift N.E. 1 m.

Travel or drift east or west 5000 fms.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6.43.0	6.43.0	0	6.96.3	6.43.30
6.25.00	6.25.30	100	6.29.00	6.45.
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
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#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 29313. Date Oct 8 1887

Panner Machine. Reel.

Turns 46 Cor. + 2 Depth 48

Shot or lead 25 lbs

Bottom fine gy. S.

Bottom temperature 56.8

No. of Thermometer 50306 Cor.

Corrected temperature

Air 57 Surface 56 Drift. SW. S.  $\frac{3}{4}$  mile (mag)

Trawl or dredge or tangles Large 18 cm.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
736.00	739.00	0	741.00	810.30
736.30	738.00	100	745.30	86.60
		150 200	147.00	8.3.00
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
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4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

507

No. 452 Date Feb 3 1889.

Tanner Machine. Reel.

Turns 55 Cor. + 2 Depth 57

Shot or lead 25 lbs.

Bottom top sh B -

Bottom temperature none

No. of Thermometer 50306 Cor.

Corrected temperature none

Air 57 Surface 57 Drift. . . . .

Trawl or dredge or tangles 3 m. 13 m.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.		
A. M.	DOWN.		UP.	A. M.	
	8. 48. 00	50. 20	0	8. 50	18. 00
			100	58. 20	11. . .
		155	200	9. 00. 30	1. . . .
			300		
			400		
			500		
			600		
			700		
			800		
			900		
			1000		
			1100		
			1200		
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4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 3753 Date 1/16/81

Tinner Machine. Reel.

Turns 79 Cor. + 3 Depth 82

Shot or lead 25 lbs

Bottom 88 br sk

Bottom temperature 55.2

No. of Thermometer 50306 Cor.

Corrected temperature

Air 57 Surface 57 Drift. 1/2 m. SW. W

Trawl or dredge or tangles 81.5

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		N.W.	UP.
9. 35. 40	38.20	0	9. 40.00	59.20
		100	44.30	57.00
		180	45.30	55.20
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Sounding kept the ship at 10.0 fms and re-timed

at 11.40

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### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

507

No. 16172; Date July 8th 1889

Tanner Machine. Reel.

Turns 67 Cor. + 3 Depth 70

Shot or lead 25 lbs

Bottom P

Bottom temperature 55.8?

No. of Thermometer 50306 Cor.

Corrected temperature

Air 5 Surface 57 Drift.

Foul or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10. 21. 55	24.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
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#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

507 *Lat. B.*No. 2954 Date Feb. 8<sup>th</sup> 1889

Tanner Machine. Reel.

Turns 63 Cor. + 2 Depth 65

Shot or lead 25 lbs

Bottom G. Sh. R.

Bottom temperature Therm. did not capsize

No. of Thermometer 50306 Cor.

Corrected temperature 22.22

Air 58 Surface 57 Drift.

Trawl or dredge or tangles Ship in

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10.40.20	42.20	0	10.45.00	11.01.40
		100	48.30	58.20
		150	50.35	56.50
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
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2500
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3600
3700
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3900
4000

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

75

Date Oct 11

Anmos

Machine.

Reel.

Turns 117 Cor. + 4

Depth 12

Shot or lead 2.5 lbs

Bottom fine sand York S'ly. A few

Bottom temperature 48 2

No. of Thermometer 61588 Cor. ± 0

Corrected temperature 48.2

Air 60 Surface 59 Drift. 3/10 N. 22

Trawl or dredge or tangles small

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12 - 11 - 10		0	12 - 11 - 10	
12 - 0	13 - 13 - 0	100 17	54.3	
		200	54.3	
		300	54.3	
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1938

Date Oct 1

Machine.

Reel. (

Turns 254 Cor. + 7 Depth 100

Shot or lead 9.5 lbs.

Bottom R Key

Bottom temperature 14.4°

No. of Thermometer 61588 Cor.

Corrected temperature 14.4°

Air 57 Surface 59 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
100		100		
200		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
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		1800		
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		2000		
		2100		
		2200		
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3900
4000

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Notes of Date Aug. 10, 1909  
Dinner Machine. Reel.

Turns 188 Cor. + 6 Depth 194

Shot or lead 25 lbs.

Bottom 94 S

Bottom temperature 46.7

No. of Thermometer 61588 Cor. ± 0

Corrected temperature 46.7

Air 58 Surface 58 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

URNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

30 10-0

0

50

100

100 11-31

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1110 Date Oct 18

Machine. Reel.

Turns 120 Cor. + 4 Depth 124

Shot or lead 1500

Bottom temp 55° F

Bottom temperature 55°

No. of Thermometer 61588 Cor. = 0

Corrected temperature 48.8

Air 58 Surface 58 Drift.

Trawl or dredge or tangles —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
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		1800		
		1900		
		2000		
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3500
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3700
3800
3900
4000

### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

Date 07/14/11

work Machine.

Reel.

Turns 50 Cor. + : Depth 55

Shot or lead 25 lbs.

Bottom fine gg S. R

Bottom temperature 53.5

No. of Thermometer 6108 Cor. ± 0

Corrected temperature 53.1

Air 00 Surface 58 Drift 1/2000 N.W. by N

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12-0	11-0	0	-18-30	32-1
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

Date

Chm or

Machine.

Reel.

Turns 39 Cor. + , Depth 30

Shot or lead 215 lbs

Bottom 1000 fms

Bottom temperature 57

No. of Thermometer 61588 Cor. ± 0

Corrected temperature 56

Air 58 Surface 58 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3-55-0	3-56-30	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1742 New Date of 9  
Machine. Reel.

Turns 48 Cor. + 2 Depth 44,

Shob or lead 251

*Bottom* R

Bottom temperature none

No. of Thermometer 6158 Cor. (2)

### Corrected temperature

Air 59 Surface 57 Drift.

### Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
258.00	8.0.35	0		
7.88.40	7.59.20	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
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		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 11a 1743 Date Feb 9 1887  
 Machine. Reel.

Turns 39 Cor. + 2 Depth 41

Shot or lead 25 lbs

Bottom

Bottom temperature 54.4

No. of Thermometer 61588 Cor.

Corrected temperature 54.9

Air 66 Surface 57 Drift.

Trawl or dredge or bungsles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8. 56. 50	51.10	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
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		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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3100
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3300
3400
3500
3600
3700
3800
3900
4000

### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1744 Date Feb 9<sup>th</sup> 1881  
 Tamm Machine. Reel.

Turns 35 Cor. + 1 Depth 36

Shot or lead 25 lbs

Bottom R.

Bottom temperature 55

No. of Thermometer 61588 Cor. ± 0

Corrected temperature 55

Air 66 Surface 57 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9 N. 00		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 161745 Date Feb 9<sup>th</sup> 18.

Tanner Machine. Reel.

Turns 40 Cor. + 2 Depth 42

Shot or lead 25 lbs

Bottom 9 fms. Sh.

Bottom temperature 53.9

No. of Thermometer 61588 Cor. ± 0

Corrected temperature 53.9

Air 66 Surface 57 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.	D. M.	DOWN.	UP.	TURNS.	DREDGE ROPE.	
					DOWN.	UP.
?	57	50	50	0		
				100		
				200		
				300		
				400		
				500		
				600		
				700		
				800		
				900		
				1000		
				1100		
				1200		
				1300		
				1400		
				1500		
				1600		
				1700		
				1800		
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				2000		
				2100		
				2200		
				2300		
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3900
4000

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 26. 1746 Date *Feb. 7*

Tanner Machine. Reel.

Turns 38 Cor. + 2 Depth 40

Shot or lead 25 lbs

Bottom *94.8*

Bottom temperature 54.4

No. of Thermometer 61588 Cor. ± *5*

Corrected temperature 54.4

Air 66 Surface 57 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10.02.15	03.30	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Put out 10 fishing lines  
Caught nothing  
Fished 9 min.

Brought up the ship at 3.30 and turned out 12.15

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 61747 Date Feb 9 1887

Tanner Machine Reel.

Turns 33 Cor. + 1 Depth 34

Shot or lead 25 lbs

Bottom brk. Sh. R.

Bottom temperature 54.4

No. of Thermometer 61588 Cor. ± 0

Corrected temperature 54.4

Air 66 Surface 57 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10.18.00	19.20	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Part over 15 fathoms  
Can shot  
Black Rock Ad. 48'

21 Pick Stick 49

2 iron tails 23

2 cleats 2

Stick 1.50

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

2957

Date

Machine. Reel.

Turns 25 Cor. + 1 Depth 26

Shot or lead

Bottom 5 Y R KG

Bottom temperature

No. of Thermometer Cor.

Corrected temperature

Air Surface 5 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
100	80	500	12-36	46-35
		100		12-41-30
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
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2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

1  
907  
- Same as 2957.

No. 2958

Date Feb. 9th 18

9th 18

Yarrow Machine.

Reel.

Turns 25 Cor. + 1 Depth 26

Shot or lead 25

Bottom gg S.

Bottom temperature 54.2

No. of Thermometer 61588 Cor. ± 0

Corrected temperature 54.9

Air 63 Surface 58 Drift. 44 88 1/2

Trawl or dredge or tangles 44 NW x NW  
1/2 N

SOUNDING WIRE.		TURNS. PUL	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	12-11-3.2	11-10-
		100 <sup>3</sup>	37-36	1-16-30
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2151 Date 11/19/17  
 Danner Machine. Reel  
 Turns 53 Cor. + 2 Depth 55  
 Shot or lead 25 lbs.  
 Bottom 9 m 99.5  
 Bottom temperature 51.9  
 No. of Thermometer 61588 Cor. ± 0  
 Corrected temperature 51.9  
 Air 13 Surface 55 Drift. 1.5  
 Trawl or dredge or tangles Large 15 cm

SOUNDING WIRE.		TURNS. P.W.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
145-0	149-30	0	148-0	
416-0	146-30	100	52-30	
		157		
		200		
		300	3-	
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2960

Date

July 9, 1891

anner Machine. Reel.

Turns 2600 Cor. + of Depth 269

Shot or lead 25 lbs.

Bottom 9 m. SW

Bottom temperature 48

No. of Thermometer 61588 Cor. ± 0

Corrected temperature 48

Air 63 Surface 59 Drift. 1 m. N 1/8 S.

Trawl or dredge or tangles 1 m. 1 1/2 m. 1 1/2 m.

SOUNDING WIRE.			DREDGE ROPE.			
U	DOWN.	UP.	TURNs.	U	DOWN.	UP.
	20	17	0		8	1, 30
			100		37	1, 30
			200		71	2, 30
			260		3	2, 30
			300		3	2, 30
			400		3	2, 30
			500		1	2, 30
			600		19	3
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			

2500
2600
2700
2800
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3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

W 507  
No. 29.61. Date 11/11/01  
Tanner Machine. Reel.  
Turns 20 Cor. + 1 Depth 21

Shot or lead

Bottom ~~500 fms~~ fm

Bottom temperature

No. of Thermometer

Corrected temperature

Cor. } 7 fm

Air 53 Surface 53 Drift.  $0.4 N^{3/4} W$

Trawl or dredge or tangles  $\angle 30^{\circ}$

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
AM.	DOWN.		UP.	
7.30		0	7.34.80	7.48.00
7.31	7.31.30	100	7.36.00	7.46.30
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
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		2400		

2500
2600
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2800
2900
3000
3100
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3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

507

No. 1748 Date Feb 11  
 Hand Machine Reel  
 Turns Cor. + Depth 13

Shot or lead

Bottom Cor. + stronger

Bottom temperature

No. of Thermometer

Cor. } 2.5

Corrected temperature

Air Surface

Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7-49		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
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		1600		
		1700		
		1800		
		1900		
		2000		
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		2200		
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3100
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3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	-	-		
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

W 1607

No. 2962

Date

Feb 11

Machine.

Reel.

Turns Cor. + Depth 16. 1/2

Shot or lead 1000

Bottom 8. 8t x 60

Bottom temperature 79°

No. of Thermometer 79° Cor.

Corrected temperature

Air 62° Surface 67.9 Drift. 0.3 \$1/4

Trawl or dredge or bangles 18.10 m

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	8.4.80	8.12
		100	8.6.30	8.82
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
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SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
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200				
300				
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REMARKS.

No. 963

Date Oct 11 1889

Machine. Reel.

Turns Cor. + Depth 20

Shot or lead Hand lead,  
Bottom S. ft. 60

Bottom temperature 22°

No. of Thermometer 22° Cor.

Corrected temperature 22°

Air 68 Surface 59 Drift. 1/2 m SW. SSW

Trawl or dredge or tangles

## SOUNDING WIRE.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

1111

0		8.16.30	34.00
100	4	8.20.00	33.15
200			
300			
400			
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600			
700			
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### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 16. 15. Date Feb. 11, 1887

Sand Lead Machine. Reel.

Turns Cor. + Depth 22

Shot or lead

Bottom m.

Bottom temperature none

No. of Thermometer none Cor.

Corrected temperature none

Air 62 Surface 59 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
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SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
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400				
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REMARKS.

No.

Date

Machine. Reel.

Turns Cor. + Depth 21.5

Shot or lead hand lead

Bottom S. St.

Bottom temperature none

No. of Thermometer none Cor.

Corrected temperature none

Air 62. Surface 57 Drift 3  $\frac{1}{4}$   $\frac{1}{2}$  17.00

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8. 47.6. 0.0	47.00	0	8 47.0.0	1.0.00
		100	48.30	9.5.00
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
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SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
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100				
200				
300				
400				
500				
600				
700				
800				
900				
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REMARKS.

No. 16. 1750 Date Oct 11 1861

Machine. Reel.

Turns Cor. + Depth 13 1/2

Shot or lead Hand Lead

Bottom 12

Bottom temperature none

No. of Thermometer none Cor.

Corrected temperature none

Air 62 Surface 60 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9.05 00		0		
		100		
		200		
	<u>Down 573.</u>	300		
<u>No. 1751 -</u>	<u>13 fms</u>	400		
<u>hand lead used</u>		500		
<u>Bottom 12.</u>		600		
<u>Air 62. Surf 6.</u>		700		
		800		
		900		
		1000		
		1100		
		1200		
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### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.	165	Date	Feb. 11 1889	
Tanner	Machine.	Reel.		
Turns 26	Cor. + 1	Depth	27	
Shot or lead	25 lbs.			
Bottom	fine gy. S. R.			
Bottom temperature	58			
No. of Thermometer	61588	Cor. $\pm$ 0		
Corrected temperature	58			
Air	62	Surface	60 Drift. 14 mds 77	
<u>Trawl or dredge or tangles</u>				
SOUNDING WIRE.		TURNs.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9. 51. 10	52. 30	0	9. 58. 00	
		100	10. 00 20	10. 20
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
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### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 26. 1752 Date Feb. 11<sup>th</sup> 1889  
Machine. Reel.

Turns 25 Cor. + 1 Depth 26

Shot or lead 25 lbs

Bottom 7.

Bottom temperature 59

No. of Thermometer 61588 Cor. ± 0

Corrected temperature 59

Air 62 Surface 60 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10. 12. 50	13. 30	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
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SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 966 Date Feb. 11<sup>th</sup> 1889

Machine. Reel.

Turns 27 Cor. + 1 Depth 26

Shot or lead 25 lbs

Bottom by 3 buoys.

Bottom temperature

No. of Thermometer 61588 Cor. ± 0

Corrected temperature 58.5°

Air 62 Surface 60 Drift. 6° N. W. 1/2 N. May.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
0. 23. 15	24. 10	0	25. 00	52. 00
		400	27. 00	60. 00
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
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SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2967 Date Feb. 1  
 Janner Machine. Reel.

Turns 29 Cor. + 1 Depth 30  
 Shot or lead 25 lbs

Bottom crs. 772.

Bottom temperature 57

No. of Thermometer 61588 Cor. - 0

Corrected temperature 57

Air 62 Surface 60 Drift.  $\frac{3}{4}$  N E

Trawl or dredge or tangles

SOUNDING WIRE.

TURNs.

DREDGE ROPE.

TURNs.

UP.

10 50.30 51.40

0 10.50.00 18.30

50 11.00.00 17.00

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

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3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2960 Date Feb. 11<sup>th</sup> 18

Machine. Reel.

Turns 30 Cor. + / Depth

Shot or lead 25 lbs

Bottom m.

Bottom temperature 59

No. of Thermometer 61587 Cor. ± 0

Corrected temperature 59

Air 66 Surface 61 Drift 3/4 m. S E E

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11.17.30	18.40	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 761753 Date 26. 11. 1911

Inner Machine. Reel.

Turns 25 Cor. + 1 Depth 26

Shot or lead 25 lbs

Bottom *44.5 fms.*

Bottom temperature 59

No. of Thermometer 61588 Cor. ± 0

Corrected temperature 59

Air 66 Surface 61 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

flat B. 11

No. 296

Date 126. 11. 17

Tanner Machine. Reel.

Turns 25 Cor. + 1 Depth 26

Shot or lead 25 lbs

Bottom gy S. P. St.

Bottom temperature 58

No. of Thermometer 61588 Cor. ± 0

Corrected temperature 58

Air 66 Surface 61 Drift. 1/2 m. S

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P.M.	DOWN.		UP.	
12. 05.30	36. 00	0	12. 05. 00	12. 21.
		50	12. 05. 00	12. 21.
		100	12. 05. 00	12. 21.
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
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SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

607

No. 2410. Date Oct 11/81  
 Machine. Reel. 100  
 Turns 25 Cor. + 1 Depth 27  
 Shot or lead 25 lbs.  
 Bottom 100 fms.  
 Bottom temperature 59.1  
 No. of Thermometer 61588 Cor. ± 0  
 Corrected temperature 59.1  
 Air 63 Surface 61 Drift. 1/4 m. by N  
 Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
100	100	0	100	100
		100		100
		200		200
		300		300
		400		400
		500		500
		600		600
		700		700
		800		800
		900		900
		1000		1000
		1100		1100
		1200		1200
		1300		1300
		1400		1400
		1500		1500
		1600		1600
		1700		1700
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		1900		1900
		2000		2000
		2100		2100
		2200		2200
		2300		2300
		2400		2400

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SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

W. 607

No. 2471 Date February 11/84

rec. Machine. Reel.

Turns 2.8 Cor. + 1 Depth 90

Shot or lead 35 lbs.

Bottom line 70 fms. 74°W.

Bottom temperature 0°

No. of Thermometer 31088 Cor. 0

Corrected temperature 56.5

Air 63 Surface 60 Drift. 3/4 m S x E

Trawl or dredge or tangles large barrel

SOUNDING WIRE.		TURNS. 1000	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1-3-30	1-2-30	0	1-19-30	31-15
		100	20	1-29-30
		200		
		300		
		400		
		500		
		600		
		700		
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		900		
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### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
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600				
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REMARKS.

No. 2982 Date Feb 11, 1887

Compass Machine. Reel.

Turns 59 Cor. + 2 Depth 61

Shot or lead 25 lbs.

Bottom on W.

Bottom temperature 52

No. of Thermometer 61686 Cor. + 0

Corrected temperature 53

Air 63 Surface 60 Drift. 1 m W.S.W.

Trawl or dredge or tangles Large Bo

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
0	0	0	0	46-15
100				
200				
300				
400				
500				
600				
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### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50	*			
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 411454 Date February 11/93.  
Machine. Reel.

Turns 65 Cor. + 3 Depth 61

Shot or lead 25 lbs.

Bottom 9 m. off

Bottom temperature 53.5

No. of Thermometer 61588 Cor. ± 0

Corrected temperature 53.5

Air 05 Surface 160 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
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4000

SERIAL TEMPERATURE.

DEPTH.	TRMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
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800				
900				
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REMARKS.

No.

Date

507

Machine. Reel. 11  
Turns 65 Cor. + 3 Depth 68

Shot or lead 25

Bottom 6m

Bottom temperature 54

No. of Thermometer 61581 Cor. ± 0

Corrected temperature 54

Air 68 Surface 0 Drift.

Trawl or dredge or tangles Large Board

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3-5-20	2-08-0	0	3-1-1	3-1-0
		100	3-1-1	
		200	3-1-0	3-1-0
		300		
		400		
		500		
		600		
		700		
		800		
		900		
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### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
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REMARKS.

No.

Date

February 11/89

Miner. Machine. Reel.

Turns 70 Cor. + 3 Depth 1/3

Shot or lead 25 lbs.

Bottom

Bottom temperature 53°

No. of Thermometer 01548 Cor. ± 0

Corrected temperature 53.2°

Air 68 Surface 60 Drift 6000 ft.

Trawl or dredge or tangles 8' W x W 1/4"

SOUNDING WIRE,		TURNS.	DREDGE ROPE,	
DOWN.	UP.		DOWN.	UP.
0	8-81-0	0	8-47-0	11-15-0
100			51	
200			111	
300				
400				
500				
600				
700				
800				
900				
1000				
1100				
1200				
1300				
1400				
1500				
1600				
1700				
1800				
1900				
2000				
2100				
2200				
2300				
2400				

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. ~~on 9/15~~ Date ~~February 21~~  
 Tammes Machine. Reel.  
 Turns 35 Cor. + 1 Depth 36  
 Shot or lead 20 lbs  
 Bottom 9. 1/2 Sh.  
 Bottom temperature 57  
 No. of Thermometer 62.577 Cor.  
 Corrected temperature  
 Air Surface Drift.  
 Trawl or dredge or drags 15

## SOUNDING WIRE.

DOWN.	UP.
-------	-----

8. 30	30
-------	----

## TURNS.

0
---

100
-----

200
-----

300
-----

400
-----

500
-----

600
-----

700
-----

800
-----

900
-----

1000
------

1100
------

1200
------

1300
------

1400
------

1500
------

1600
------

1700
------

1800
------

1900
------

2000
------

2100
------

2200
------

2300
------

2400
------

## DREDGE ROPE.

DOWN.
-------

8. 30	40
-------	----

30	50
----	----

200
-----

300
-----

400
-----

500
-----

600
-----

700
-----

800
-----

900
-----

1000
------

1100
------

1200
------

1300
------

1400
------

1500
------

1600
------

1700
------

1800
------

1900
------

2000
------

2100
------

2200
------

2300
------

2400
------

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1755 Date 5-11-1911

1 Panner Machine. Reel.

Turns 48 Cor. + 2 Depth 50

Shot or lead 25 lbs

Bottom 922 M. R

Bottom temperature 54.8

No. of Thermometer 615.88 Cor. ± 0

Corrected temperature 54.8

Air 63 Surface 60 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
4.18.30	4.21.00	0		
4.19.00	4.19.20	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2195 Date 11/12/11  
 Machine. Reel.  
 Turns 85 Cor. + 1 Depth 36  
 Shot or lead 25 lbs  
 Bottom 6. took sh  
 Bottom temperature 57  
 No. of Thermometer 61588 Cor. ± 0  
 Corrected temperature 57  
 Air 65 Surface 60 Drift. 1 m 88 3/4 E  
 Trawl or dredge or trawles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		1 DOWN	UP.
8. 6. 2.	51. 20	0	8. 33. 22	8. 58. 36
		100	35. 35	
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

*2976* Date Feb. 12<sup>th</sup> 1889  
No. Machine. Reel.

Turns 30 Cor. + 1 Depth 31

Shot or lead 25 lbs

Bottom cross S. Bkt. Sh.

Bottom temperature 58

No. of Thermometer 61588 Cor. -

Corrected temperature 58

Air 65 Surface 60 Drift. 1/2 m. 88 x 8

Trawl or dredge or tangles Snall 13.0

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1.12. 30	18.2	0	9.2 m.	
		25	25 m.	5
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

507

No. 2977 Date 1/12/1867  
Tammie Machine. Reel.

Turns 43 Cor. + 2 Depth 45

Shot or lead 25 lbs

Bottom fine gy S + P

Bottom temperature 56.5

No. of Thermometer 61588 Cor.

Corrected temperature 56.5

Air 65 Surface 60 Drift. 1/10 m East

Trawl or dredge or tangles None 12

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9. 52. 10	53.20	0	55.00	21.
		100	59.40	
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2978

Date

Time

Machine.

Reel.

Turns 44 Cor. + 2

Depth 44

Shot or lead 25 lbs

Bottom 945

Bottom temperature 56.5

No. of Thermometer 61588 Cor. ± 0

Corrected temperature 56.5

Air 70 Surface 60 Drift. 3 mi N 6 1/2 E

Trawl or dredge or bangles small

## SOUNDING WIRE.

1776

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

UP.

10. 0. 25 14.50

100 242

120 412

200 412

300 412

400 412

500 412

600 412

700 412

800 412

900 412

1000 412

1100 412

1200 412

1300 412

1400 412

1500 412

1600 412

1700 412

1800 412

1900 412

2000 412

2100 412

2200 412

2300 412

2400 412

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

507 11. 3. 15

No. 164. 156 Date 11. 3. 15  
Dunker Machine. Reel.

Turns 50 Cor. + 2 Depth 52

Shot or lead 25

Bottom 24 S.

Bottom temperature none

No. of Thermometer none Cor.

Corrected temperature none

Air 70 Surface 60 Drift. 1. 1/2 3

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11. 13. 00	14. 30	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Part of sounding wire  
caught in net while fishing

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 16125 Date Feb. 10 1869

Turner Machine. Reel.

Turns 35 Cor. + 1 Depth 36

Shot or lead 25 lbs

Bottom 65 fms. 51.

Bottom temperature none

No. of Thermometer none Cor.

Corrected temperature none

Air 70 Surface 60 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11.00	33.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

Date

Machine.

Reel.

Turns 360 Cor. + 28

Depth 20 fms.

Shot or lead 35 lbs.

Bottom S.W. W.

Bottom temperature

No. of Thermometer 11200 Cor.

Corrected temperature

Air 65. Surface 65. Drift 1½ m/s

Trawl or dredge or tangles Large Trawl

W. SOUNDED WIRE.		TURNS.	W. DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12-15.0	23-30	0	19-40	4-1
16-15	22-30	100	31-40	1-1
17-15	21-3	200	35-10	1-1
18-30	20-1	300	38-40	1-1
19-10	12-19	400	41-1	1-1
		500	42-1	1-1
		600	43-1	1-1
		700	44-1	1-1
		800	45-1	1-1
		900	46-1	1-1
		1000	47-1	1-1
		1100	48-1	1-1
		1200	49-1	1-1
		1300	50-1	1-1
		1400	51-1	1-1
		1500	52-1	1-1
		1600	53-1	1-1
		1700	54-1	1-1
		1800	55-1	1-1
		1900	56-1	1-1
		2000	57-1	1-1
		2100	58-1	1-1
		2200	59-1	1-1
		2300	60-1	1-1
		2400	61-1	1-1

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2460, Date 11

Machine. Reel.

Turns 561 Cor. + 42 DepthShot or lead 20Bottom g.v. 716

Bottom temperature

No. of Thermometer 1 Cor. + 6Corrected temperature 38.9Air 40. Surface 63. Drift. 1 mill (1/2 East)Trawl or dredge or tangles large Benth.

O.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
	37-38	0		5.13.3
25-30	36-38	100	43-33	59.30
		200	16-50	5.6.30
		300		
		400		
0-45	33-31	500		4.5.00
3-38-0		61		
		600		
		700	11	4.13.00
		800		4.13.00
		900		4.13.0
		1000		4.13.0
		1100		4.13.0
		1200		4.13.0
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

W.M. 507

No. 733 N.Y. Date Oct 12<sup>th</sup> 1889

Sight Machine. ~~X~~ Reel. 2

Turns 780 Cor. + 45° Depth 825°

~~Shots or lead~~ 35.00

Bottom 0.00

Bottom temperature 40.5°

No. of Thermometer 61.588 Cor. ± 6

Corrected temperature 40.5°

Air 67 Surface 61 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.	TURNS.	DREDGE ROPE.	
		DOWN.	UP.
6. 7. 30	6.27.40	0	
6. 10. 10	6.27.00	100	
6. 11. 30	6.26.30	200	
6. 12. 30	6.25.00	300	
6. 13. 40	6.24.00	400	
6. 14. 20	6.24.00	500	
6. 15. 00	6.23.10	600	
6. 16. 10	6.22.00	700	
17.0.0	6.21.30	800	
		900	
		1000	
		1100	
		1200	
		1300	
		1400	
		1500	
		1600	
		1700	
		1800	
		1900	
		2000	
		2100	
		2200	
		2300	
		2400	

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 17591431 Date Sept 11 1875

Machine. Reel.

Turns 857 Cor. + 60 Depth 917

Shot or lead 35 lbs

Bottom gun 11.

Bottom temperature 40.

No. of Thermometer 6 1.5-88 Cor. + 0

Corrected temperature 40.

Air 64 Surface 61 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7.15.00	7.31.00	0		
7.16.	7.32.00	100		
7.17.30	7.32.00	200		
7.18.00	7.31.00	300		
7.19.00	7.29.00	400		
7.21.00	7.28.00	500		
7.22.00	7.27.00	600		
7.23.00	7.26.00	700		
7.24.00	7.25.00	800		
7.24.40	7.25.00	900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 16. 1760 Date Feb. 12 " 1887  
Digsbit Machine. 2 Reel.

Turns 840 Cor. + 59 Depth 697  
Shot on load 35 lbs

Bottom 100 fms.

Bottom temperature 39.8

No. of Thermometer 61588 Cor. ± 0

Corrected temperature 39.8

Air 64 Surface 61 Drift.

Fault or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
21. 10	38.15	0		
22. 10	37.35	100		
23. 00	37.00	200		
23. 50	36.15	300		
24.45	35.35	400		
26. 10	34.50	500		
27. 10	34.00	600		
28.20	33.10	700		
29.35	32.00	800		
30.30	31.30	900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Feb. 13.

No. 16. 176, Date Feb. 12" 1889  
 Sigsbee Machine. Reel.

Turns 385 Cor. + 31 Depth 416

Shot or lead 35 lbs.

Bottom br. s.

Bottom temperature 41.

No. of Thermometer 61588 Cor. ± 0

Corrected temperature 41.

Air 62 Surface 60 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9. 22. 00	31. 30	0		
23. 30	30. 35	100		
24. 50	29. 40	200		
25. 55	28. 50	300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR.° TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

6 or. Table #2 Rul.

6 or.	Turns	6 or.	Turns	6 or.	Turns
0	50	33	1550	113	3050
0	100	35	1600	116	3100
1	150	37	1650	120	3150
1	200	39	1700	124	3200
2	250	41	1750	128	3250
3	300	43	1800	132	3300
4	350	45	1850	136	3350
4	400	47	1900	140	3400
5	450	49	1950	144	3450
6	500	51	2000	148	3500
7	550	53	2050	151	3550
8	600	56	2100	155	3600
9	650	59	2150	159	3650
10	700	62	2200	163	3700
11	750	65	2250	167	3750
12	800	68	2300	171	3800
13	850	71	2350	175	3850
14	900	74	2400	179	3900
15	950	77	2450	183	3950
17	1000	80	2500	187	4000
19	1050	83	2550	192	4050
21	1100	86	2600	197	4100
22	1150	89	2650	202	4150
23	1200	92	2700	207	4200
24	1250	95	2750	211	4250
25	1300	98	2800	217	4300
27	1350	101	2850	221	4350
29	1400	104	2900		
30	1450	107	2950		
31	1500	110	3000		

No. of turns on Reel 3500

Section. 148.

$$\begin{array}{r} 3500 \\ 780 \\ \hline 4720 \end{array} \quad \begin{array}{r} 380 \\ 117 \\ \hline 148 \\ 88 \\ \hline 60 \end{array}$$
$$\begin{array}{r} 780 \\ 45- \\ \hline 148 \\ 95 \\ \hline 45- \end{array} \quad \begin{array}{r} 240/48 \\ 20 \\ \hline 40 \end{array}$$
$$825$$

bottom, 900.

$$\begin{array}{r} 85-7 \\ 60 \\ \hline 917 \end{array} \quad \begin{array}{r} 35-00 \\ 85-0 \\ \hline 26-50 \end{array} \quad \begin{array}{r} 55-70 \\ 360 \\ \hline 514-0 \\ 18 \\ \hline 89 \end{array} \quad \begin{array}{r} 35-00 \\ 59 \\ \hline 46 \\ 36 \\ \hline 96 \end{array}$$
$$\begin{array}{r} 148 \\ 106 \\ \hline 42- \end{array} \quad \begin{array}{r} 400 \\ 166 \\ 48 \\ \hline 100 \end{array}$$

Red Rock Fish 1111  
white fish 111

$$\begin{array}{r} 435-0 \\ 22-1 \\ \hline 413-0 \\ 22-1 \\ \hline 393-0 \\ 393-0 \\ \hline 0 \end{array} \quad \begin{array}{r} 50 \\ 48 \\ \hline 98 \\ 60 \\ 60 \\ \hline 0 \end{array}$$
$$\begin{array}{r} 22-1 \\ 15-3 \\ \hline 38 \\ \times 38 \\ \hline 0 \end{array}$$